nextar®

MA809 MP3 Digital Audio/Video Player

Instruction Manual

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Key Features

- Music Player
- Video player
- Image viewer
- Micro-SD card reader
- Folder Navigation
- Voice Recorder
- Removable Storage Device
- Built-in rechargeable lithium-ion battery
- Multiple repeat modes and EQ modes

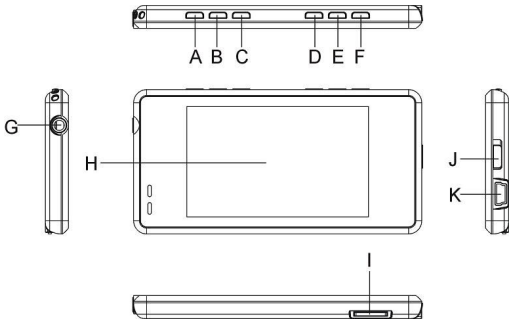
System Requirements

- Hardware: IBM PC & Compatible PC, Notebook with USB interface
- Operating System: Windows Me, Windows2000/XP, Windows Vista

Package Content

- Main Unit
- Stereo earphones
- USB cable
- User Manual
- Quick Start Guide
- CD

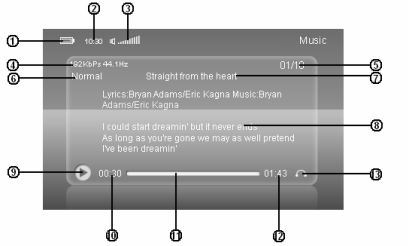
Keys Description



A. **VOL+ :** Increase the volume
B. **VOL- :** Decrease the volume
C. **Play/Pause:** Turn On/Off and Play/Pause.
D. **MENU:** Press and hold to return. Briefly press to confirm selection.
E. **Previous:** Play the previous track. Also select the previous item.
F. Next: Play the next track. Also select the next item.
G. Earphone Jack
H. LCD Display
I. Micro-SD card slot
J. Power Switch: Turn on or off the power
K. USB Port: Connect to the computer

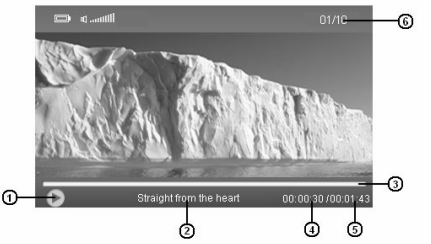
LCD Display

Music



① Battery indication
② Time clock
③ Volume level
④ Bit rate
⑤ Track number
⑥ EQ Mode
⑦ Track Title
⑧ Lyric
⑨ Play/Pause
⑩ Elapsed time
⑪ Progress bar
⑫ Total playing time
⑬ Repeat mode

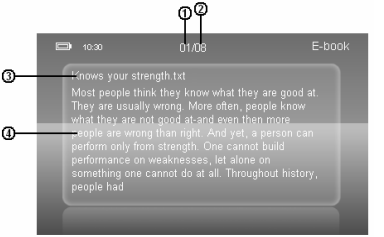
Video



① Play/pause
② File Name
③ Progress
④ Elapsed time
⑤ Remained time
⑥ Video number

Photo

E-book


①
②
10:30
01/08
E-book
③
Knows your strength.txt
④
Most people think they know what they are good at. They are usually wrong. More often, people know what they are not good at-and even then more people are wrong than right. And yet, a person can perform only from strength. One cannot build performance on weaknesses, let alone on something one cannot do at all. Throughout history, people had

① Current page number

② Total number of pages

③ File Name

④ Text

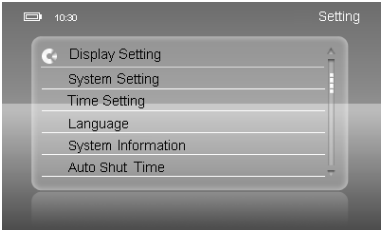
Record

① Voice file name ② Recording quality

③ Remained time ④ Elapsed time

Other Function

System Settings



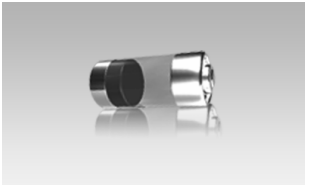
Before Using

Charge the battery

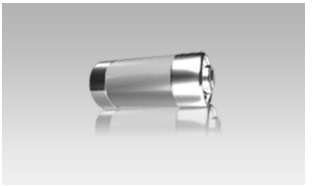
The device has a built-in lithium-icon rechargeable battery. It is charged via USB connection. You are required to charge it when you use it for the first time. It takes about 3 hours to fully charge the battery. Connect the larger end of the USB cable to the USB interface of PC, and connect the other smaller end of the USB cable to the USB interface of this player. The device is connected to PC and being charged.

To check the charging progress, left click the safe removal icon "" and then select "Remove the USB Mass Storage Device……" to disconnect the device, the LCD

should display an animating battery icon indicating the charging status. When the battery is fully charged, the battery icon turns green.



Charging



Full Charge

NOTICE: For maximum performance, lithium-ion batteries need to be used often. If you don't use the device often, be sure to recharge the battery at least once per month.

Connect to a PC and download audio files

This player is plug & play for WIN2000/XP/ME/Vista OS.

To connect it with PC for transferring files,

(1) Plug the larger end of the USB cable to the USB port of the PC, and plug the smaller end to the USB port of the player.

(2) When the " " icon appear at the right bottom of the PC screen, double click

"My Computer" on the desktop, you see a removable disk which indicates the player. Just use the removable disk as a regular local disk, copying files from or to it. The LCD should display as the following if connected.

Removing the player from the PC safely

For Windows2000/XP/ME/Vista:

(1) Left click the icon at the right hand corner of the taskbar.
(2) Click the pop-up mini-window with message of "Stop the USB Mass Storage Device – Drive (X)".
(3) When you are prompted to remove the device, pull out the player.

Power On/Off

To power on, slide the **Power Switch** to "ON", then press and hold the **PLAY/PAUSE** button to turn on the screen.

To power off, press and hold the **PLAY/PAUSE** button to turn off the screen, then slide the **Power Switch** to "OFF" to turn off the power (Be sure to complete this step

for saving battery charge).

NOTE 1 This player has a power-saving feature which enables the device to power off automatically if it is idle for about 3 minutes.

NOTE 2 Please press the PLAY/PAUSE button to turn off the device when using the player instead of pressing the Power Switch to turn off. Otherwise, data may be corrupted or lost.

Lock/Unlock buttons

To lock the buttons against being pressed accidentally,

(1) On the main menu, select the " " item and press the **MENU** button to enter the system settings mode.

(2) Press the **PREVIOUS/NEXT** button to select "System Settings" and press the **MENU** button to confirm.

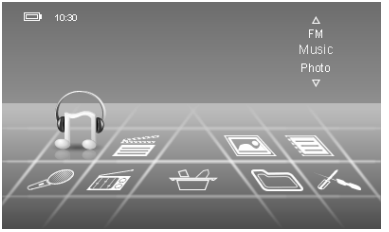
(3) Press the **PREVIOUS/NEXT** button to select "Key Lock Time" and then press the **MENU** button to continue.

(4) Press the **PREVIOUS/NEXT** button to select a time and then press the **MENU** button to confirm. The buttons will be locked if the player is idle for the specified time.

To unlock the buttons, press the **PLAY/PAUSE** button.

Enter Various Function Modes

On the main menu, press the **PREVIOUS/NEXT** button to select a mode and then press the **MENU** button to enter it.



Music

Video

Photo

E-book

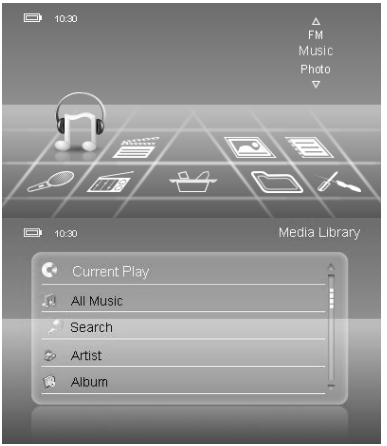
Record

Other Function

Explorer

Settings

Music



1. Enter the music mode

On the main menu, use the PREVIOUS/NEXT button to select " " menu, and press the MENU button to confirm selection.

2. Listen to music by category

(1) Press **PREVIOUS/NEXT** button to select an item from the music list.

(2) Shortly press the **MENU** button to

confirm your selection and display music files by the category that you selected.

- **Current Play** – go to the now playing screen.
- **All Music** – play music files in alphabetical order
- **Search** – search for the specified music file
- **Artist** – play music files by artist
- **Album** - play music files by album
- **Genre** - play music files by genre
- **My Favorite** – play my favorite tracks
- **Record** – play recording files
- **Dir List** – display all music files by directory.
- **MediaLib Update** – update the music library.

*(**Note: Please do not turn off the device while updating the music library! It takes approximately 30 seconds to update 1.50GB music files.)***

3. Play music

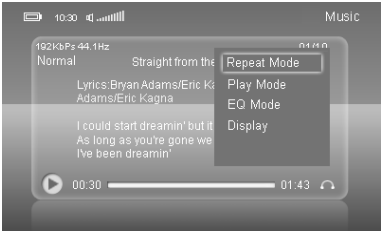
Press **PREVIOUS/NEXT** button to select a track on the music list and then press the **MENU** button to play.

Basic Operations:

Play/Pause	Press the **PLAY/PAUSE** button to play or pause.
Adjust Volume	Shortly press the **VOL+/VOL-** button to decrease or increase volume.
Previous Track	Shortly press the **PREVIOUS** button.
Next Track	Shortly press the **NEXT** button.
Fast Forward	Press and hold the **NEXT** button.
Rewind	Press and hold the **PREVIOUS** button.

4. Music Playback Setting

When the music is being played, shortly press the **MENU** button to display the submenu. You can use options on the submenu to set the play mode, EQ mode etc.



Press the **PREVIOUS/NEXT** button to select a menu item and then press the **MENU** button to confirm, or press and hold the **MENU** button to return.

- **Repeat Mode –** Play all music files in the current play list in various repeating mode.

- **Play Mode –** Play all music files stored in the player in order or shuffle.
- **EQ Mode–** Select a preset EQ mode.
- **Display –** Choose to display ID3 information, lyric or frequency chart on the playback screen.

To set the Repeat Mode,

(1) In the music playback screen, shortly press the **MENU** button to display the submenu.

(2) Press the **PREVIOUS/NEXT** button to select “Repeat Mode” and then press the **MENU** button to continue, or press and hold the **MENU** button to return.

(3) Press the **PREVIOUS/NEXT** button to select your desired mode and then press the **MENU** button to confirm, or press and hold the **MENU** button to return.

Repeat Mode Options:

Once – Play the current track once.

Repeat One – Keep repeating the current track

Normal –Play all tracks in the current play list sequentially.

Repeat All – Repeat all tracks in the current play list

Intro - Preview the first ten seconds of every track

To change the play mode,

(1) In the music playback screen, shortly press the **MENU** button to display the submenu.

(2) Press the **PREVIOUS/NEXT** button to select “Play Mode” and then press the **MENU** button to continue, or press and hold the **MENU** button to return.

(3) Press the **PREVIOUS/NEXT** button to select your desired mode and then press the **MENU** button to confirm, or press and hold the **MENU** button to return.

Play Mode Options:
Order – Play all tracks in order
Shuffle – Shuffle all tracks.

To set the MSEQ (Microsoft EQ),

(1) In the music playback screen, shortly press the **MENU** button to display the submenu.

(2) Press the **PREVIOUS/NEXT** button to select “**EQ Mode**” and then press the **MENU** button to continue, or press and hold the **MENU** button to return.

(3) Press the **PREVIOUS/NEXT** button to select “**MSEQ**” and then press the **MENU** button to continue, or press and hold the **MENU** button to return.

(4) Press the **PREVIOUS/NEXT** button to select your desired mode and then

press the **MENU** button to confirm.

MSEQ Options:
3D, Bass, Leveled EQ

To change the EQ mode,

(1) In the music playback screen, shortly press the **MENU** button to display the submenu.

(2) Press the **PREVIOUS/NEXT** button to select “EQ Mode” and then press the **MENU** button to continue, or press and hold the **MENU** button to return.

(3) Press the **PREVIOUS/NEXT** button to select your desired mode and then press the **MENU** button to confirm, or press and hold the **MENU** button to return.

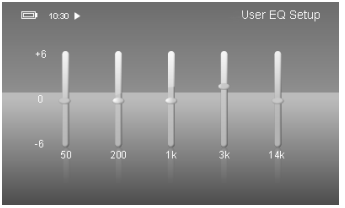
EQ Mode options:
Normal, MSEQ, Rock, Pop, Classic, Bass, Jazz, User EQ.

To set the sound EQ manually,

(1) In the music playback screen, shortly press the **MENU** button to display the submenu.

(2) Press the **PREVIOUS/NEXT** button to select “EQ Mode” and then press the **MENU** button to continue, or press and hold the **MENU** button to return.

(3) Press the **PREVIOUS/NEXT** button to select “User EQ Setup” and then press the **MENU** button to continue.



(4) Press the **PREVIOUS/NEXT** to select a setting column and then press the **VOL-/VOL+** button to adjust the level.

(5) Shortly press the **MENU** button to confirm setting.

To set the display mode,

(1) In the music playback screen, shortly press the **MENU** button to display the submenu.

(2) Press the **PREVIOUS/NEXT** button to select “Display” and then press the **MENU** button to continue.

(3) Press the **PREVIOUS/NEXT** button to select your desired mode and then press the **MENU** button to confirm.

Display mode options:

ID3 – Display ID3 information of the track

Lyric – Display lyric of the track

Frequency Chart – Display the frequency chart of the track

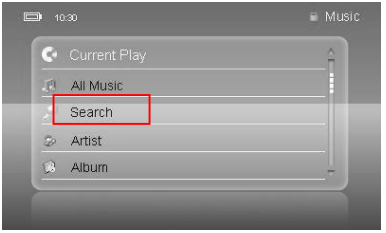
Off – Display the music file name only

5. Search for track

You can search for a track by entering the preceding letters of the track name.

(1) Enter the Music mode from the main menu.

(2) Select “Search” from the music category list and then press the **MENU** button to enter the search screen.



(3) Press **PREVIOUS, NEXT** and **VOL-** button to select the first letter of the track name

from A-Z, and then press the **MENU** button to confirm the letter. You see the letter appear in the search field.

(4) Press **PREVIOUS, NEXT** and **VOL-** button to select the second letter of the track name, and then press the **MENU** button to confirm the letter. You see the second letter following the first.

(5) Repeat the **Step (3)** and **(4)** until the other preceding letters of the track name are entered. **Please note the maximum that you can enter is up to 6 letters.**

(6) Once finished entering all letters, press the Play/Pause button to confirm and start searching, or press and hold the MENU button to quit.

(7) Once found, all music files with the entered preceding letters will display. You can play these tracks by pressing the PREVIOUS/NEXT button and then “MENU” button.

(8) “Not found” will be returned if the track was not found, if this happened, you can press and hold the MENU button to return and search again.

6. Collect favorite songs

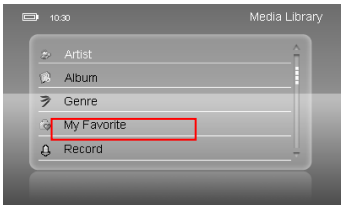
You can add your favorite songs to “My Favorite” directory for collection.

(1) Enter the Music mode from the main menu.

(2) Enter the “All Music” list, and press the **PREVIOUS/NEXT** button to select your favorite song.

(3) Shortly press the **VOL+** button to display the submenu. Select “Add To Favorite” and then press the **MENU** button to confirm.

(4) Press and hold **MENU** button to return to the music list. Press the **PREVIOUS/NEXT** button to select “My Favorite” and then press the **MENU** button to enter it. You see all your favorite songs are listed. Press the **PREVIOUS/NEXT** button to select a song and then press the **MENU** button to start playing.



To delete songs from “My Favorite”,

(1) On the favorite list, briefly press the **MENU** button to display the submenu.

(2) Press the **PREVIOUS/NEXT** button to select “Delete File” and then press the **MENU** button to delete the selected song, or select “Clear Up” to delete all favorite songs.

Video

(1) Press and hold the **MENU** button to display the main menu.
(2) Use the **PREVIOUS/NEXT** button to select the " " menu, and press the **MENU** button to enter the video player mode.
(3) Press the **PREVIOUS/NEXT** button to select the video file that you want to play, and press the **MENU** button to play.

Basic Operations:

Play/Pause	Press the **PLAY/PAUSE** button to play or pause.
Adjust Volume	Shortly press the **VOL+/VOL-** button to decrease or increase volume.
Previous Video	Shortly press the **PREVIOUS** button.
Next Video	Shortly press the **NEXT** button.
Fast Forward	Press and hold the **NEXT** button.
Rewind	Press and hold the **PREVIOUS** button.
Exit	Press and hold the **MENU** button

Note: *This player can only play AVI videos. For other formats, you need to use the converting tool included on the driver CD to convert them. For more detail information about the converter, please refer to Page 38 - Converting Video to AVI format.*

Photos

(1) Press and hold the **MENU** button to display the main menu.
(2) Select " " and press the **MENU** button to confirm.
(3) Press the **PREVIOUS/NEXT** button to select an image, and press the **MENU** to confirm and enlarge it to full screen.
(4) In the full screen mode, you can press the **PREVIOUS/NEXT** button to display the previous or the next photo, or press and hold the **MENU** button to return to the file list mode.

To display photos in auto slide show,

(1) In the full screen, briefly press the MENU button to display the submenu.
(2) Select "Auto Slide Show" and then press the **MENU** to confirm.
(3) Press the **PREVIOUS/NEXT** button to

select the time interval between slides, and then press the **MENU** button to confirm. Or select “Turn Off” and then press the **MENU** button to stop auto slide show.

To delete a photo,

(1) On the photo list, press the **PREVIOUS/NEXT** button to select the photo that you want to delete.
(2) Briefly press the **VOL-** button to display “Delete File” menu.
(3) Select “Delete File” from the menu, and then press the **MENU** button to confirm.
(4) Press the **PREVIOUS/NEXT** button to select “Yes” and then press the **MENU** button to confirm.

E-book

1. Reading

(1) On the main menu, select “ ” and press the **MENU** button to confirm.
(2) Press the **PREVIOUS/NEXT** button to select a .txt file, and press the **MENU** button to open the selected file.

(3) Press the **PREVIOUS/NEXT** button to page up or page down manually.

To page up and down automatically,

(1) When you are reading the page, briefly press the **MENU** button to display the submenu.
(2) Press the **PREVIOUS/NEXT** button to select “Browser Mode” and then press the **MENU** button to continue.
(3) Press the **PREVIOUS/NEXT** button to select “Auto Mode” and then press the **MENU** button to confirm. Selecting “Manual Mode” will exit from the slide show mode.

2. Using bookmark

During reading, you can use the bookmark to mark the page for resuming reading later.

Save Bookmark

(1) Go to the page that you want to mark.
(2) Briefly press the **MENU** button to display the submenu.
(3) Press the **PREVIOUS/NEXT** button to select “Save Bookmark” and press the MENU button to confirm.
(4) Press the **PREVIOUS/NEXT** button to select an “Empty” location to save the bookmark and press the MENU button to confirm.

Load Bookmark

To go to the page that you marked,

(1) Briefly press the **MENU** button to display the submenu.
(2) Press the **PREVIOUS/NEXT** button to select “Load Bookmark” and press the MENU button to confirm.
(3) Press the **PREVIOUS/NEXT** button to select the bookmark, and press the MENU button to confirm.

Delete Bookmark

To delete the bookmark that you saved,

(1) Briefly press the **MENU** button to display the submenu.
(2) Press the **PREVIOUS/NEXT** button to select “Delete Bookmark” and press the **MENU** button to confirm.
(3) Press the **PREVIOUS/NEXT** button to select the bookmark, and then press the **MENU** button to confirm.
(4) Press the PREVIOUS/NEXT button to select “Yes” and then press the **MENU** button to confirm.

3. Jump to the page

To jump to the page that you want,

(1) Briefly press the **MENU** button to display the submenu.

(2) Press the **PREVIOUS/NEXT** button to select “Page Jump” and press the MENU button to confirm.

(3) Press the **PREVIOUS/NEXT** button to select the page number. You can speed up the page jump by pressing and holding the **PREVIOUS/NEXT** button.

(4) Press the **MENU** button to confirm.

4. Set the font size

(1) Briefly press the **MENU** button to display the submenu.

(2) Press the **PREVIOUS/NEXT** button to select “Font Size” and press the **MENU** button to confirm.

(3) Press the **PREVIOUS/NEXT** button to select a font size and then press the **MENU** button to confirm.

5. Set the font color

(1) Briefly press the **MENU** button to display the submenu.

(2) Press the **PREVIOUS/NEXT** button to select “Font Color” and press the MENU

button to confirm.

(3) Press the **PREVIOUS/NEXT** button to select a color and then press the MENU button to confirm.

6. Set the Flip time

To set the time interval between pages in auto slide show mode,

(1) Briefly press the **MENU** button to display the submenu.

(2) Press the P**REVIOUS/NEXT** button to select “Flip Time” and press the MENU button to confirm.

(3) Press the **PREVIOUS/NEXT** button to select a time and then press the MENU button to confirm.

Voice Recording

- **Record**

(1) On the main menu, select “ ”, and press the **MENU** button to enter the recorder mode.

(2) Shortly press the **PLAY/PAUSE** button to start recording. During recording,

you can press the **PLAY/PAUSE** button to pause or resume recording.

(3) Shortly press the **MENU** button to stop recording.

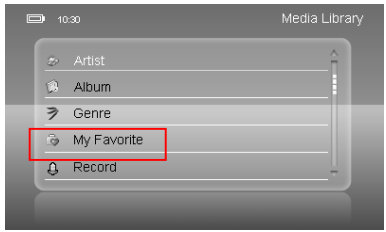
(4) Press the **PREVIOUS/NEXT** button to select “Yes” and then press the **MENU** button to save the recording.

- **Play recordings**

To play the recording,

(1) Enter the **MUSIC** mode by selecting “ ” from the main menu.

(2) Press the **PREVIOUS/NEXT** button to select “Record” from the music category list and then press the **MENU** button to confirm.



(3) Press the PREVIOUS/NEXT button to select the recording, and then press the **MENU** button to confirm and play.

Explorer

To navigate through all folders and files stored in the player,

(1) On the main menu, select " " and then press the **MENU** button to confirm.

(2) Press the **PREVIOUS/NEXT** button to select a file or a folder.

(3) Shortly press the **MENU** button to confirm your selection, or press and hold the **MENU** button to return.

To delete a file,

(1) In the Explorer mode, press the **PREVIOUS/NEXT** button to select the file that you want to delete.

(2) Briefly press the VOL- button to display the submenu.

(3) Select "Delete File" and then press the MENU button to continue.

(4) Press the **PREVIOUS/NEXT** button to select "Yes" and then press the **MENU** button to confirm.

Other Function

This player provides other useful tools in the Other Function.

- **Stopwatch**
  (1) On the main menu, select the " " item and press the **MENU** button to confirm.
  (2) Press the **PREVIOUS/NEXT** button to select "Stopwatch" and then press the **MENU** button to confirm.
  (3) Press the **PLAY/PAUSE** button to start timing.
  (4) Press the **PLAY/PAUSE** button to stop.

- **Calendar**

  To view the calendar,
  (1) On the main menu, select the " " item and press the **MENU** button to confirm.
  (2) Press the **PREVIOUS/NEXT** button to select "Calendar" and then press the **MENU** button to confirm.
  (3) Press the **PREVIOUS/NEXT** button to move the selection cursor.
  (4) Press the **MENU** button to jump to the Month item, and then press the

PREVIOUS/NEXT to change the month. The calendar view changes accordingly.

(5) Press the **MENU** button again to jump to the Year item, and then press the **PREVIOUS/NEXT** to change the year. The calendar view changes accordingly.

(6) Press and hold the **MENU** button to exit.

Settings

To customize the player settings:

(1) On the main menu, select the " " item and press the **MENU** button to enter the system settings mode.

(2) Press the **PREVIOUS/NEXT** button to select a setting item and press the **MENU** button to confirm or press and hold the **MENU** button to cancel and return.

Display Setting	**Backlight** – set lasting time of the backlight
	Brightness – set brightness of the LCD
System Setting	**Upgrade** – upgrade the firmware

	Load to defaults – restore to default system settings
	Key Lock Time – set the idle time after which the buttons are locked automatically.
Time Setting	**Time** – adjust the time • Press the PREVIOUS/NEXT button to select the Hour or Minute setting. • Press the VOL-/VOL+ button to change the Hour or Minute.
	Date – adjust the date • Press the PREVIOUS/NEXT button to select the Year, Month or Day setting. • Press the VOL-/VOL+ button to change the Year, Month or Day.
Language – set the language in which the on-screen text is displayed	
System Information – display the firmware version and memory space information	
Auto Shut Time - Set the continuous playing time after which the player power off automatically.	

Converting Video to AVI Format

Note: Before installing the AVI converter, make sure that the Windows OS is installed with DirectX9.0 or above.

Before you download videos to the device, make sure they are AVI files and can be played by the device. If not, convert them using the included converting tool on the driver CD. The following steps show how to convert:

1) Install the AVI Converter

(1) Place the included CD on the CD-ROM tray of a computer.

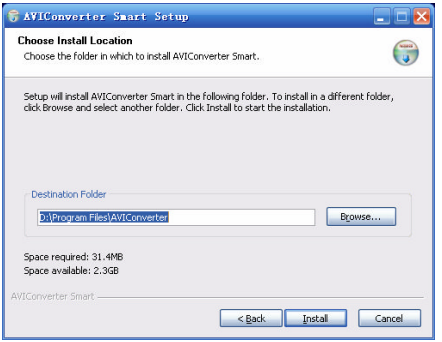
(2) Double click the “AVI converter” folder.

(3) Run “AVI Converter CHN – EN setup.exe” to show up the following window.

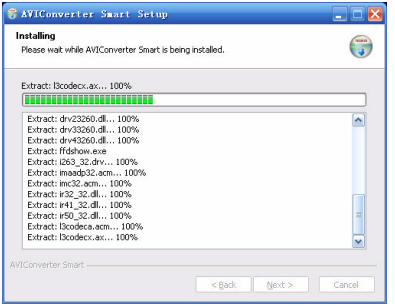
AVIConverter Smart Setup
Welcome to the AVIConverter Smart Setup Wizard
This wizard will guide you through the installation of AVIConverter Smart.
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Next to continue.
Next >
Cancel

(4) Select an installation interface language.

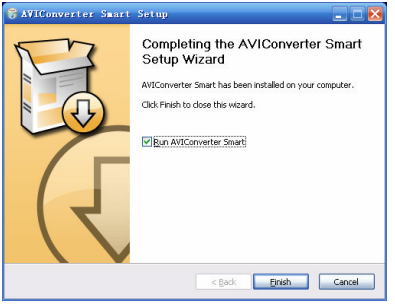
(5) Click “Next” to continue. Browse to a destination for the installation.


AVIConverter Smart Setup
Choose Install Location
Choose the folder in which to install AVIConverter Smart.
Setup will install AVIConverter Smart in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
D:\Program Files\AVIConverter
Browse...
Space required: 31.4MB
Space available: 2.3GB
AVIConverter Smart
< Back
Install
Cancel

(6) Click “Install” to start installation.

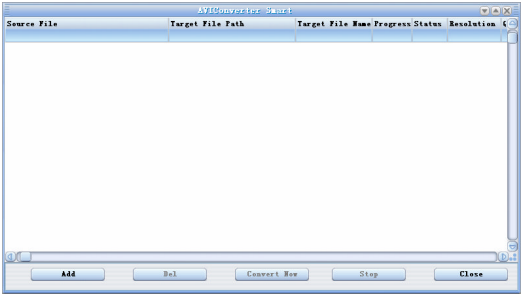


(7) Wait for the installation to be completed before you see the following window. Click “Finish” to finish installation.



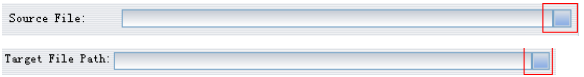
2) Use the AVI converter

(1) Select “Program files” → “AVI Converter” on the Start menu to see the following window.

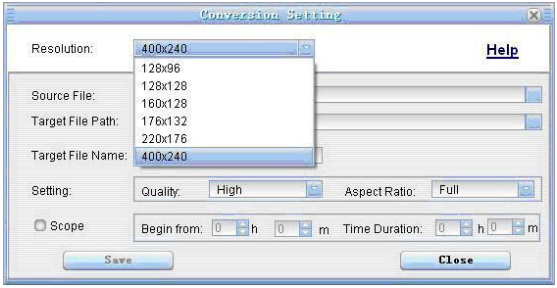


(2) Click button to display “Conversion Setting” window.

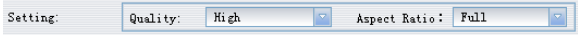
(3) For the “Source File” field, specify the file that you want to convert by clicking the button on the right. For the “Target File Path” field, specify the destination where the converted file is saved.



(4) Be sure to select the correct resolution - 400 x 240 to match your player's screen, otherwise the conversion may fail.

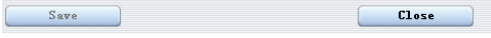


(5) Set the conversion quality in the Quality field and display mode in the Aspect Ratio filed.

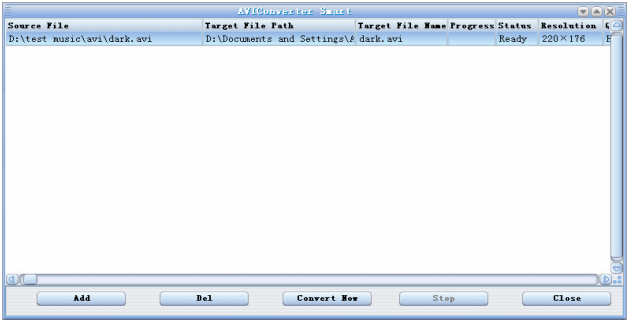


(6) Click "Save" to save your setting. To convert another file, repeat the steps above.

(7) Click "close" button to close the setting window.



(8) Click “Convert Now” to start converting.



(9) Click “Finish” after the converting is finished.

Firmware Update

To get the latest software version or recover the system,

(1) Obtain the upgrade program files from the vendor.
(2) Connect the player to computer through the USB interface.
(3) Copy the upgrade files to the built-in memory of the player.
(4) Disconnect the player from the computer.
(5) Turn on the player and enter the main menu.
(6) Select " " from the main menu and press the **MENU** button to confirm.
(7) Select "System Setting" and then press the **MENU** button to confirm.
(8) Select "Upgrade" and press the **MENU** button to confirm.
(9) Select "Yes" and press the **MENU** button to confirm and start upgrading.
(10) Wait for a few minutes before the upgrading is completed.

Troubleshooting

Problem	Possible Cause	Solution
The LCD displays nothing when the device is started.	Battery is too low.	Charge the battery.

No sound when playing an audio file.	The volume is too low.	Adjust the volume.
	Bad audio file.	Delete or skip the file.
The player cannot be connected to the PC.	The USB interface is not supported by PC's motherboard.	Update or replace the PC's motherboard.
The displayed time is changing constantly.	The bit rate of the MP3 file is changing during playback.	Try to use fixed bit rate to compress the MP3 file.
The PC has error when you plug and unplug the player.	The player is disconnected from the PC abruptly while transferring files.	Do not disconnect the player from the PC when transferring files.
Total memory displayed on the player is not in accordance with the marked amount.	Part of memory is used to store programs and display characters.	
Some of MP3 files cannot be played properly.	The MP3 file is compressed by a standard, such as MPEG I Layer 1 or Layer 2 that the	1. Delete the unsupported MP3 files. 2. Use MPEG I Layer 3 standard to compress the

	player does not support.	unsupported MP3 files.
The video cannot be played.	The file format is not supported.	Make sure the video is in AVI format.
	The video data is corrupted	Skip it or reload another file
The photo cannot be displayed	The file format is not supported	Try to use an image editor to convert it or save it as another file.
	The image resolution is beyond limitation of the device.	Try to decrease the image resolution.
The TXT file cannot be read	The file format is not supported.	Skip it or reload another file.

Technical Specifications

Item	Specification
Built-in Memory Capacity	128MB ~ 8GB
Memory Card Capacity	128MB ~ 2GB
Memory Card Type	Micro SD
Battery Type	Rechargeable Lithium Battery

Battery Life	8 – 10 hours for music, or 3 hours for videos
LCD Display	2.8-inch TFT screen
Earphone Power	5mW+5Mw
Video Format	AVI
Audio Format	MP3, WMA
Photo Format	JPEG, BMP, GIF
SNR	＞90dB
USB Port	USB2.0 high speed
Operational Temperature	0℃ ~ +55℃
Storage Temperature	-20℃ ~ +55℃
Operational Relative Humidity *	20% ~ 90% (40℃)
Storage Relative Humidity *	20% ~ 93% (40℃)

Appendix – Supported Audio and Video Format Table

This device does not guarantee the compatibility with all audio and video format files. If the video or audio file is not supported by this device, please check whether it is on the following format benchmark.

Audio Decoding Benchmark

MP3 AUDIO	**WMA AUDIO**
[Codec]: MPEG1/2/2.5 Audio Layer 3 [Channel]: 2 [Bitrate]: 8~320Kbps, CBR and VBR [Sample]: 8-48KHz [Exceptional]: No [Container]: MP3	[Codec] : Version 7, 8, 9， [Channel]: 2 [Bitrate]: 8Kbps~320kbps [Sample]: 8-48KHz [Exceptional]: WMA Pro and WMA lossless [Container]: WMA

Image Benchmark

JPEG	**BMP**	**GIF**
[Codec]: JPEG [Compressed]: Baseline [Resolution]: 9600 * 5760 [Exceptional]: Progressive jpeg [Container]: JPG	[Codec]: BMP [Resolution]: All [Exceptional]: No [Container]: bmp	[Codec]: GIF [Resolution]: 1000*1000 [Exceptional]: No [Container]: GIF
NOTE：If the image is previewed, a file named RKBROWSER.DAT will be created in the device automatically.		

Video Benchmark

MPEG-4 VIDEO	**REAL MEDIA VIDEO**
[Codec]: XviD, DivX 3/4/5 [Resolution]: Max. 800x480(pels) [Bitrate]: No restriction	[Codec]: Real Video Codec 8/9/10 [Resolution]: Max.

[Exceptional]: Not Support GMC&QPEL [Container]: AVI [Audio decode]: MP3, AC3, MS-ADPCM	800x480(pels) [Bitrate]: No restriction [Exceptional]: Not Support G2 [Container]: RM/RMVB [Audio Codec]: Real Audio
WMV VIDEO [Codec]: WMV 7/8/9 [Resolution]: Max. 720x480(pels) [Bitrate]: No restriction [Exceptional]: Not Support high profile, VC-1 [Container]: WMV, ASF [Audio Codec]: WMA	**MPEG-I VIDEO** [Codec]: MPEG-I [Resolution]: Max. 720x480(pels) [Bitrate]: No restriction [Exceptional]: N/A [Container]: MPG [Audio Codec]: MP2
NOTE: For MPG and WMV video files, buffering time during fast forwarding and rewinding may be longer depending on the file size. Please wait for the process to be completed.	

Listening Cautions

- Do not play your earphones or headphones at a high volume. Hearing experts advise against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.
- Even if your headphones or earphones are the open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.
- Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

  To establish a safe level:

  a. Start your volume control at a low setting.
  b. Slowly increase the sound until you can hear it comfortably and clearly, and without distortion. Once you have established a comfortable sound level, leave it there.

Precautions

1). When not using the player for an extended period of time, please charge the battery at least once per month to extend the battery life.

2). Do not use the player in extremely hot, cold, dusty or damp environments.

3). Make sure the keys are unlocked before using the player (otherwise controls will not function).

4). Avoid dropping or striking the unit .This may cause external and internal physical damage to the player.

5). Charge the battery if:

a) The battery level icon displays (An empty battery)

b) The player powers off automatically and off again when restarted.

c) No response when pressing keys with keys unlocked and battery installed

6).To prevent damage from static shock, never use the player in very dry conditions.

7). When player is being formatted or transferring a file, do not interrupt the connection. Otherwise, data may be corrupt of lost.

8). When the player is used as a portable HD, please use only per instructions. Otherwise, permanent data loss could occur.

FCC Caution

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

·Reorient or relocate the receiving antenna.

·Increase the separation between the equipment and receiver.

·Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

·Consult the dealer or an experienced radio/TV technician for help.

FCC Compliance

·To assure continued compliance, follow the attached installation instructions.

·Use only the provided shield interface cables when connecting to computer.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.
This device complies with part 15 subpart B of the FCC Rules. Operation is subjected to the following conditions:(1)This device may not cause harmful interference, and(2)This device must accept any interference received, including interference that may cause undesired operation.

This product may receive radio interference caused by mobile telephones or other products during operation. If such interference is apparent, please increase separation between the product and the mobile telephone or other product.

Industry Canada Requirement:
This Class B apparatus complies with Canadian ICES-003.

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